

ACCESS REPORT

UTS CENTRAL



UNIVERSITY OF TECHNOLOGY

CITY CAMPUS, BROADWAY

SYDNEY

Revised SSD 7382 SUBMISSION

Prepared by Mark Relf

28th April 2016



Accessibility Solutions (NSW) PTY LTD

ABN 20 105 200 128 | 20 Begonia Street PAGEWOOD 2035

Tel: 9695-1940 | Fax: 9695-1906 | Mob: 0417-467-007 | Email: markrelf@bigpond.com

Introduction

This report supports a Revised State Significant Development Application (SSDA) submitted to the Department of Planning and Environment pursuant to Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act).

The Revised SSD Application relates to the Concept Plan Approval for the University of Technology Sydney (UTS) City Campus Broadway Precinct, which was approved in December 2009 (MP08_0116).

The proposed works relate specifically to the UTS Central Project, more specifically the extension of Building 1 (podium) and redevelopment of Building 2 at the City Campus, Broadway Precinct.

As the development has a capital investment value of more than \$30 million as an educational establishment, it is identified as State Significant Development under the *State Environmental Planning Policy (State and Regional Development) 2011*, with the Minister for Planning the consent authority for the project.

This report has been prepared having regard to the Secretary's Environmental Assessment Requirements issued for the project.

Background

UTS recognised the need to upgrade the City Campus back in 2000, and undertook a number of visioning and master planning projects culminating in the *City Campus Masterplan 2020* (BVN, 2008) which provides a framework for refurbishments and new building works across the campus (comprising the Broadway Precinct and other sites in the Sydney CBD) in order to provide improved facilities and to accommodate future expected student and staff growth.

The long term strategic vision for UTS is 'to be one of the world's leading Universities of Technology'.

On 23 December 2009 a critical step in realising UTS's vision and identity for the Broadway Precinct was realised, with approval of the UTS City Campus Broadway Precinct Concept Plan (BPCP) – approved under the former Part 3A of the EP&A Act (MP 08_0116). The approved Concept Plan supports the significant redevelopment of the Broadway Precinct providing for new buildings, alternations and additions to existing buildings, along with associated landscaping and public domain works.

Since approval of the Concept Plan in 2009 UTS has secured the necessary detailed planning approvals and delivered a number of state of the art and iconic learning, research and social facilities across the Broadway Precinct, including:

- Faculty of Engineering and IT Building, designed by Denton Corker Marshall Architects.
- Multi-Purpose Sports Hall.
- Alumni Green, designed by ASPECT Studios Landscape Architects.
- Faculty of Science and Graduate School of Health Building, designed by Durbach Block Jagers in association with BVN Architecture.
- Library Retrieval System.
- Great Hall and Balcony Room Upgrade, Designed by DRAW Architects in association with Kann Finch Architects.

As part of the staged delivery of the Concept Plan and as expected in its natural evolution, there have been a number of modifications to the Concept Plan. Of note, Modification No 5 to the Concept Plan provides for the complete redevelopment of Building 2, including additional floors above a new podium building.

OVERVIEW OF PROPOSED DEVELOPMENT

This Revised SSD Application seeks approval for the following components of the development:

- Site preparation works, including demolition and clearance of existing Building 2 down to approximately ground level and associated tree removal;
- Retention and re-use of existing basement Level 1 and Level 2;
- Construction and use of a new podium building fronting Broadway (Building 1 extension and new Building 2);
- Construction and use of new floors above new Building 2 podium;
- Public domain improvements surrounding the site;
- Landscaping works to roof levels;
- Retention of existing vehicle access and parking arrangements; and
- Extension and augmentation of physical infrastructure / utilities as required.

The new floor space will accommodate a range of educational and ancillary educational uses, such as:

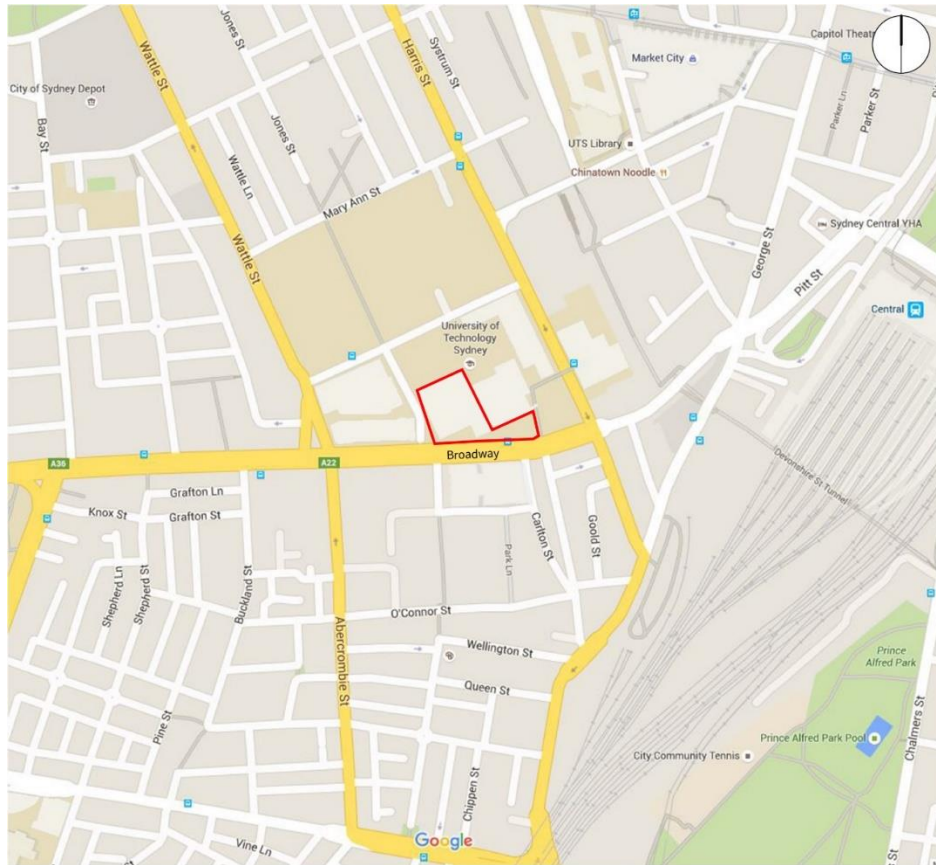
- Library
- Research
- Teaching Space
- Informal Learning Space
- Student Centre
- Student Union Spaces
- Food and Beverage Outlets
- Academic (including Faculty space)

A more detailed and comprehensive description of the proposal is contained in the Environmental Impact Statement (EIS) prepared by JBA.

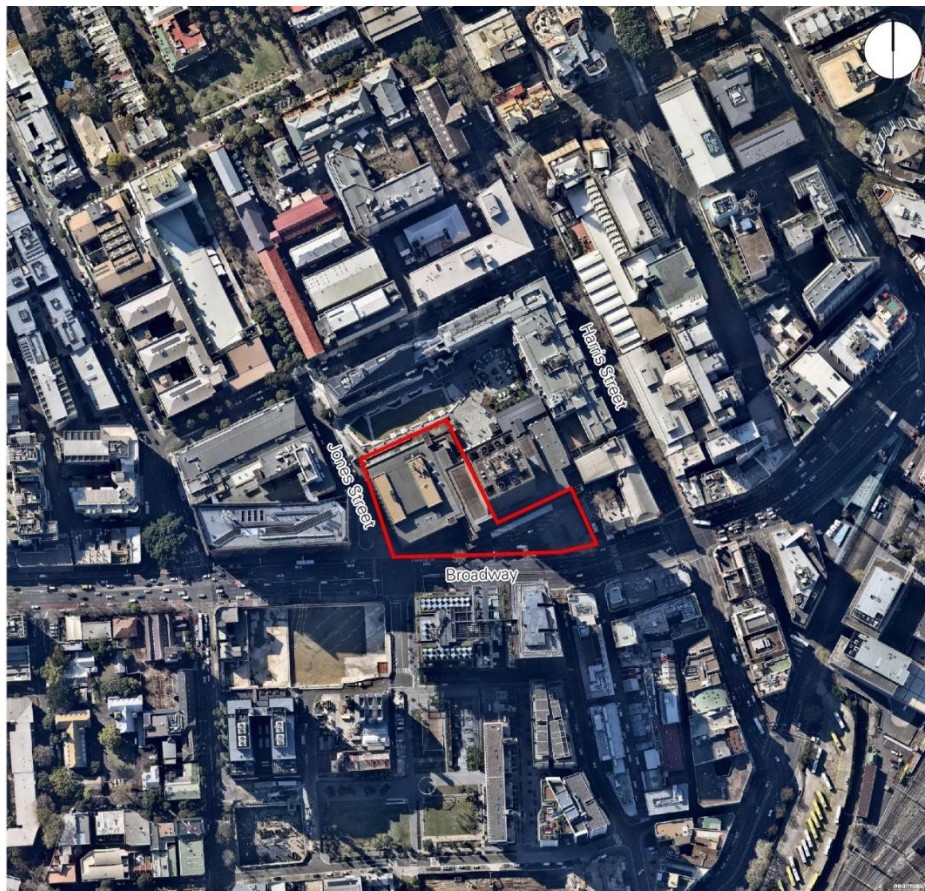
The site

The Broadway Precinct of the UTS City Campus is located on the southern edge of the Sydney Central Business District with frontages to Broadway, and Thomas, Wattle and Harris Streets (see **Figure 1**). Central station is located less than 500m to the east.

More specifically the UTS Central project site relates to Building 1 (excluding the Building 1 tower) and Building 2 of the Broadway Precinct, refer to **Figure 2**.



 The Site



 The Site

Assessment Criteria

This assessment considers the following legislation, planning instruments and standards pertaining to access for people with disabilities:

- (1) Parts D3, D2.14, D2.17, E3.6, F2.4 of the Building Code of Australia (BCA 2016)
- (2) DDA Premises Standards
- (3) SEARS for UTS Central (SSD 7382) Broadway Precinct, UTS City Campus
- (4) Sydney Development Control Plan (2012)
- (5) Australian Standard AS1428.1 (2009) – Design for Access and Mobility: General Requirements
- (6) Australian Standard AS1428.4.1 (2009) – Tactile Ground Surface Indicators.
- (7) Australian Standard AS1735.12 (1999) – Lifts for people with disabilities
- (8) UTS Accessible Environments Policy

Plans

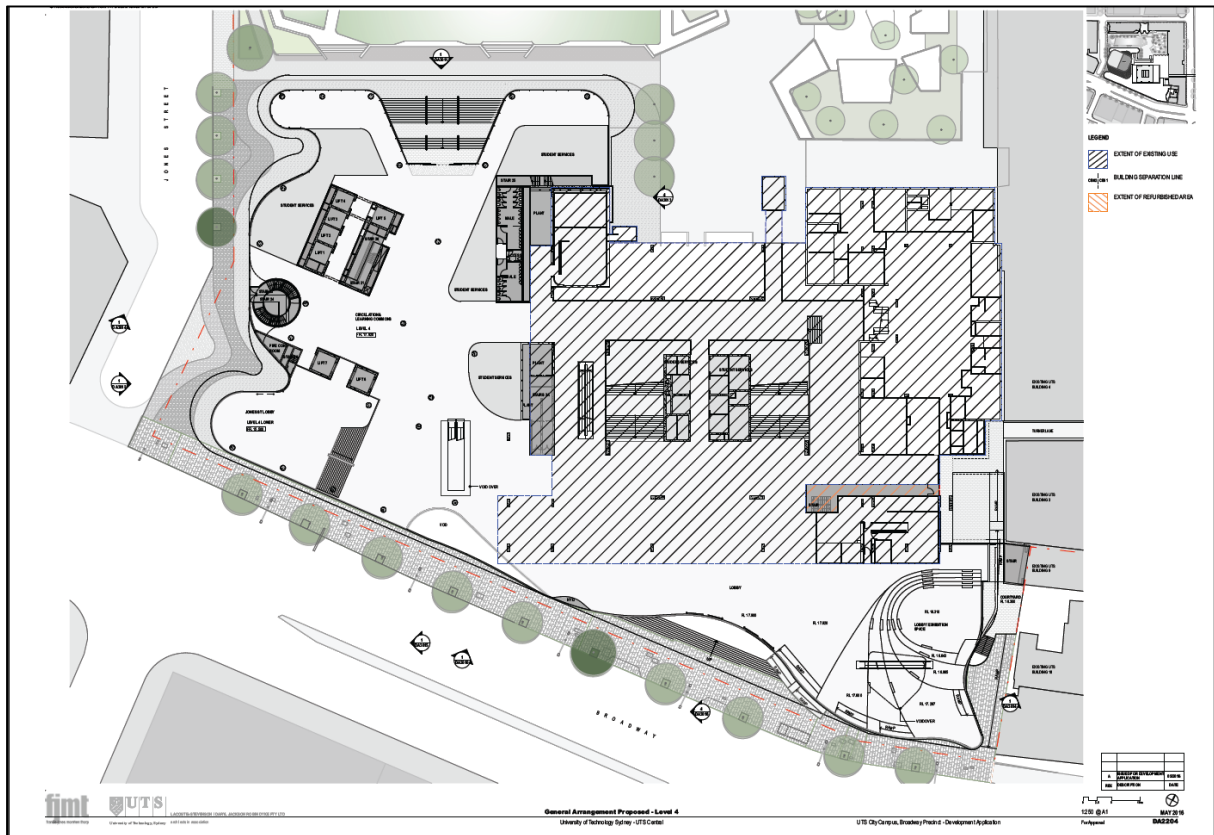
The plans relied upon for this accessibility assessment include the following plans;

Dwg no.	Revision	Title
DA 0000	A	Cover Sheet
DA 1001	A	Site & Location Plan
DA 1002	A	Ground Plan and Level 4
DA 1003	A	Site Analysis
DA 2201	A	Level 1 GA Proposed Plan
DA 2202	A	Level 2 GA Proposed Plan
DA 2203	A	Level 3 GA Proposed Plan (Lower Ground Floor)
DA 2204	A	Level 4 GA Proposed Plan (Ground Floor)
DA 2205	A	Level 5 GA Proposed Plan
DA 2206	A	Level 6 GA Proposed Plan
DA 2207	A	Level 7 GA Proposed Plan
DA 2208	A	Level 8 GA Proposed Plan
DA 2209	A	Level 9 GA Proposed Plan
DA 2210	A	Level 10 GA Proposed Plan
DA 2211	A	Level 11 GA Proposed Plan
DA 2212	Aa	Level 12 GA Proposed Plan
DA 2213	A	Level 13 GA Proposed Plan
DA 2214	A	Level 14 GA Proposed Plan

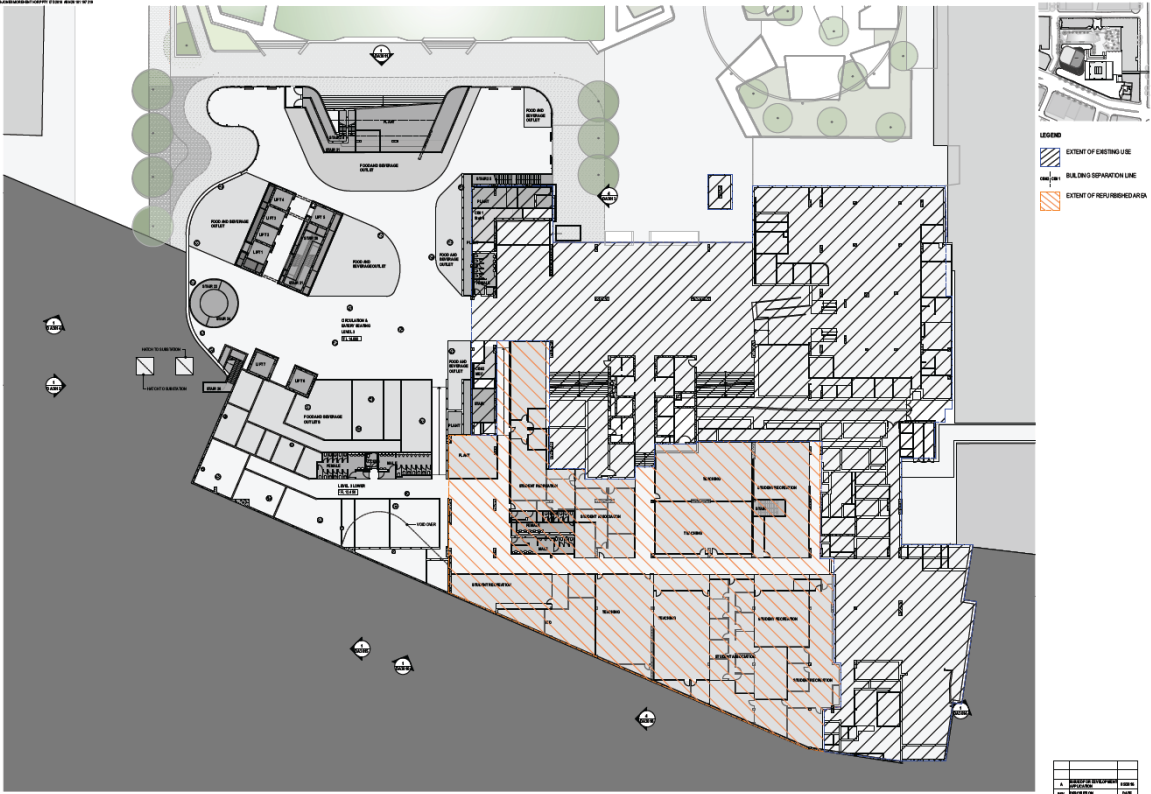
Dwg no.	Revision	Title
DA 2215	A	Level 15 GA Proposed Plan
DA 2216	A	Level 16 GA Proposed Plan
DA 2217	A	Level 17 GA Proposed Plan
DA 2218	A	Roof Level GA Proposed Plan
DA 3010	A	South Elevation - Broadway
DA 3011	A	North Elevation – Alumni Green
DA 3012	A	West Elevation – Jones Street
DA 3013	A	East Elevation – CBI
DA 3014	A	Section A
DA 3015	A	Section B
DA 3016	A	Section C
DA 6010	A	Landscape – Site Plan
DA 6011	A	Landscape – Level 4
DA 6012	A	Landscape – Level 8
DA 6013	A	Landscape – Level 8 & 17
DA 6014	A	Landscape - Sections

Accessibility Assessment

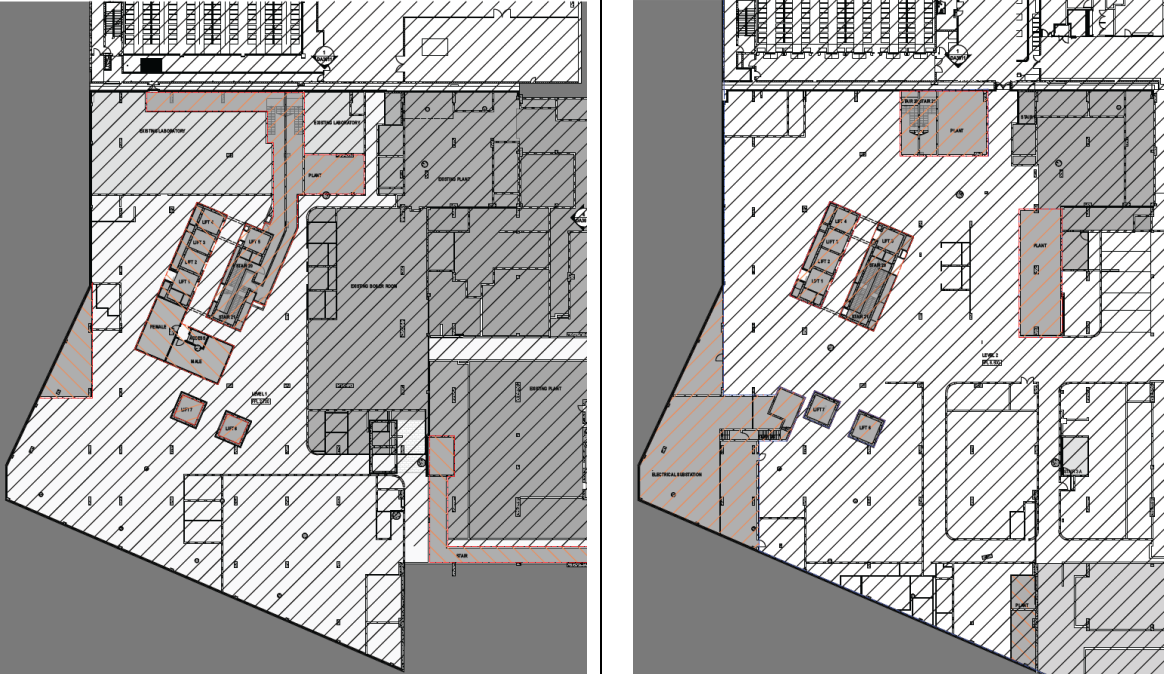
External Pathways and Building Entrances (Parts D3.2 & D3.3 of the BCA)

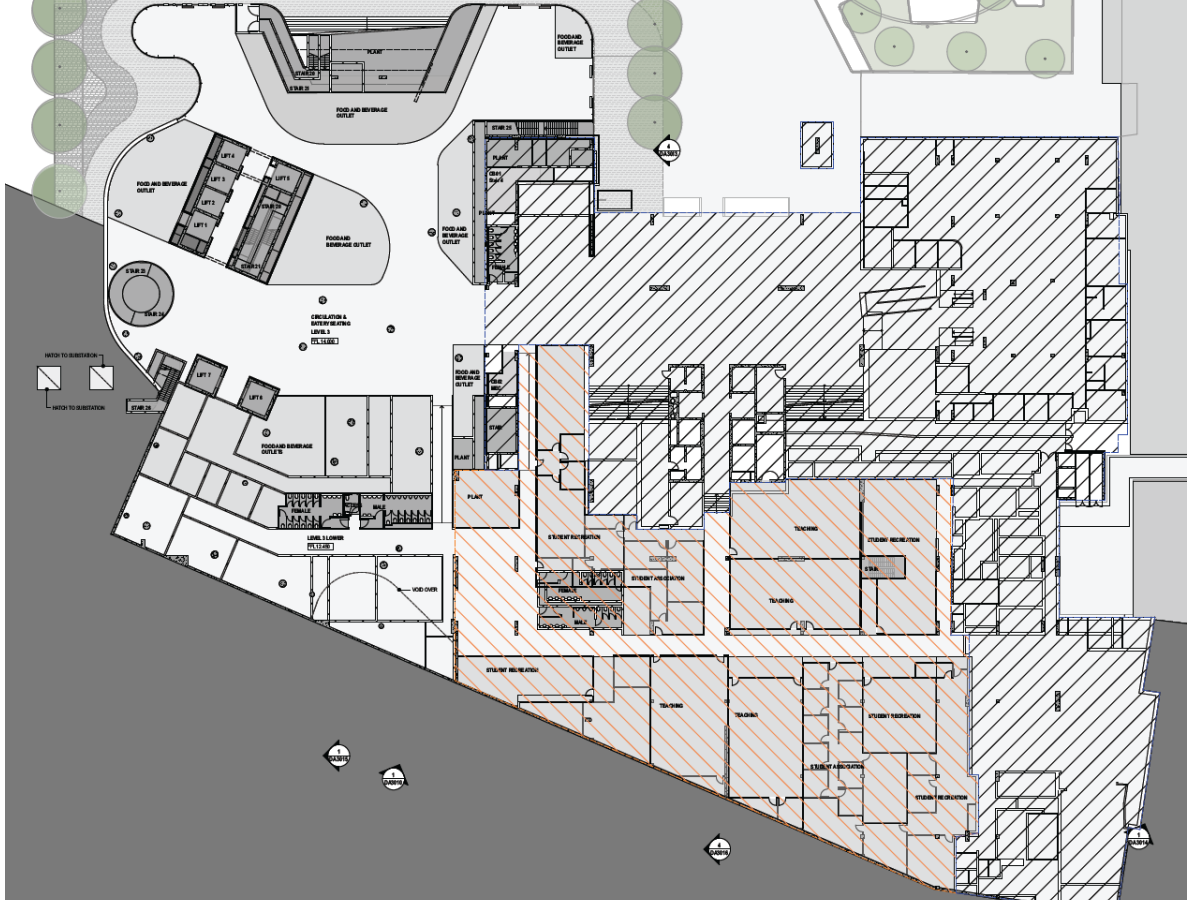


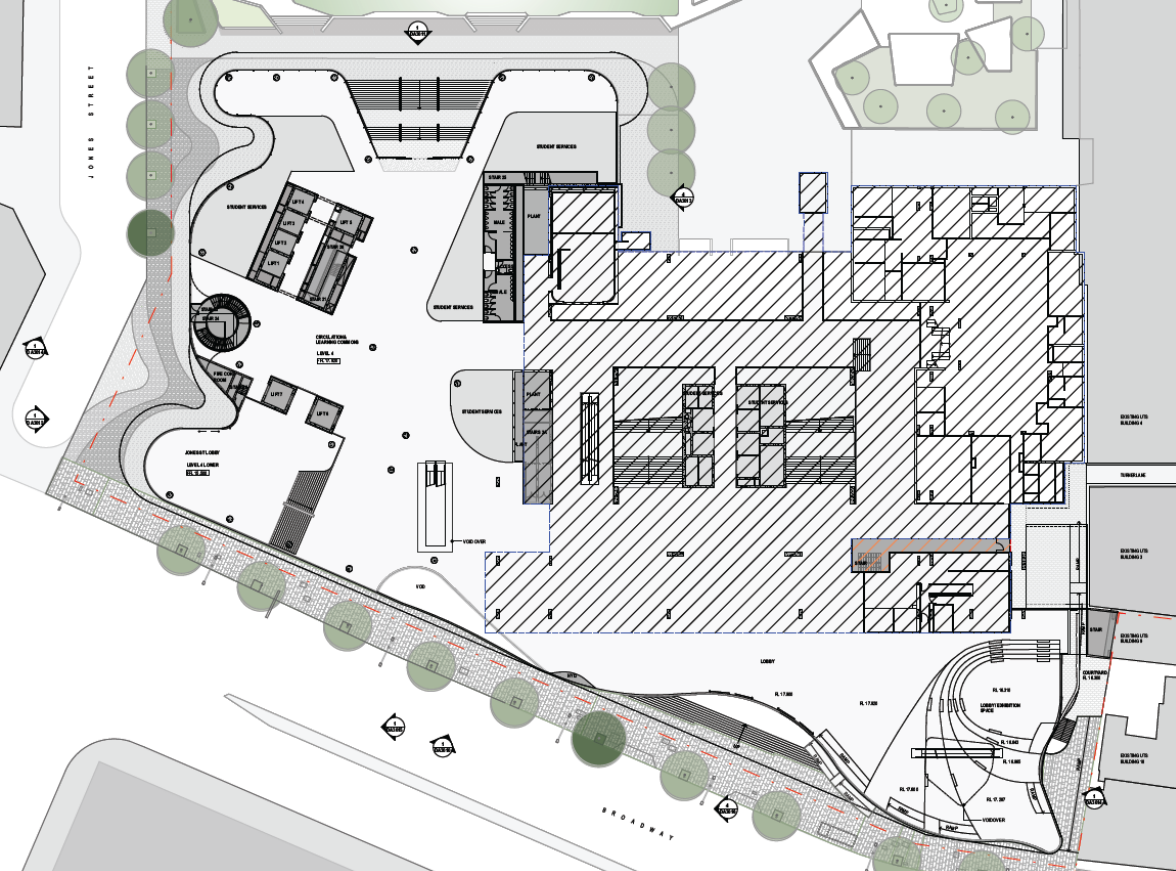
BCA / DDA Access Code Review	Complies
Ground plane entrances (Levels 3 and 4 on plan) Overview <ol style="list-style-type: none"> The development is located in an area that has a slope across the site that incorporates an accessible building entrance at the lower ground floor at level 3 on plan adjacent to the Alumni Green and accessible links to the ground floor entrances from the existing building CBI and Jones Street. Ground Floor Entrances – The new building works provide several entrances and entry points to access the combined buildings CBI and CB2. The new works propose three new or modified principal entries at the ground planes as follows; <ol style="list-style-type: none"> Broadway – The plans propose an extension at Level 4 that in-fills the forecourt adjoining Broadway and provides 1:14 ramp and stairway access to the principal building entrance @RL17.920. Jones Street – The development proposes an on-grade level entry from the western approach on Jones Street to a lower ground floor lobby @RL15.500 (lower Level 4 on plan) which incorporates lifts, escalators and stairs that interface with the split levels on Levels 3 and Level 4 @RL17.920 and provide direct access to Levels 5, 6, 7 and 8. Third entry from the Alumni Green internal courtyard on the northern side of the building will incorporate on-grade level access to Level 3 @RL14.000 and stairway access to Level 4 @RL17.920. 	<p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>

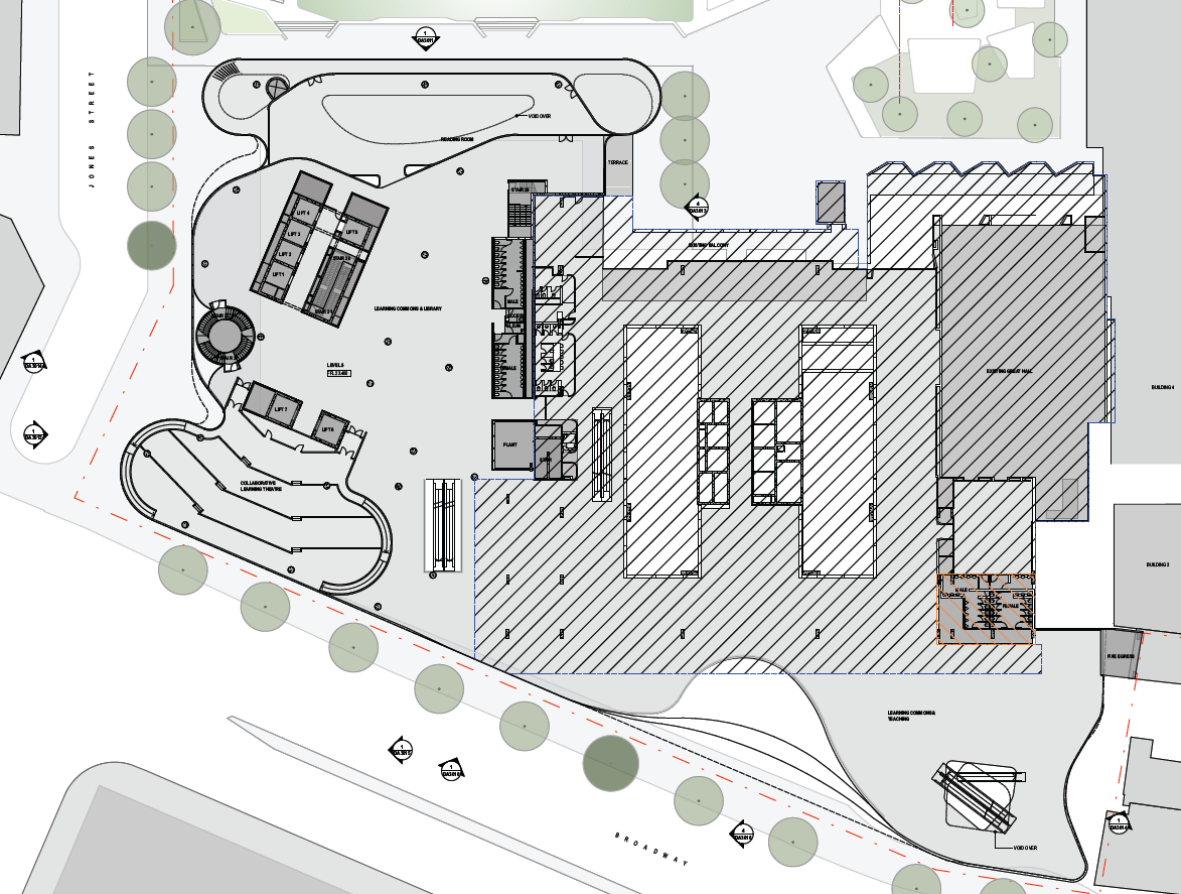
BCA / DDA Access Code Review	Complies
<p>3. Existing Alumni Green Courtyard Entrance to CBI - At the level 3 on plan the existing entry doorway with at-grade access from an adjoining courtyard accessways remains unchanged.</p>	No Change
<p>Lower Ground Floor Level 3</p> 	
<p>4. The new works to split levels of Buildings CBI and CB2 will vastly improve access for people with disabilities in a manner consistent with AS1428.1 to satisfy Parts D3.2 and D3.3 of the BCA and DDA Access Code.</p> <p>5. The entrance ramps and stairs will be detailed with handrails, tactile ground surface indicators and other features as required by AS1428.1 and AS1428.4.1 to satisfy Parts D3.3 and D3.8 of the BCA and DDA Access Code.</p> <p>6. The existing and new entrance doorways indicate auto sliding doors that provide circulation spaces that will comply with AS1428.1 and satisfy Part D3.2 of the BCA and DDA Access Code.</p> <p>7. Doors will be documented at a future stage to confirm 850mm clear opening widths, level threshold, doorway luminance contrast, glazing markings where required and doorway hardware complying with AS1428.1 to satisfy Part D3.2 of the BCA and DDA Access Code.</p> <p>8. Overall, the plans illustrate appropriate access to enter the building from all approaches at the ground floor levels consistent with AS1428.1 to satisfy Part D3.2 of the BCA and DDA Access Code.</p>	<p>YES</p> <p>YES at CC stage</p> <p>YES</p> <p>YES at CC stage</p> <p>YES</p>

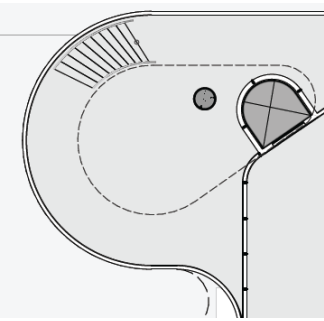
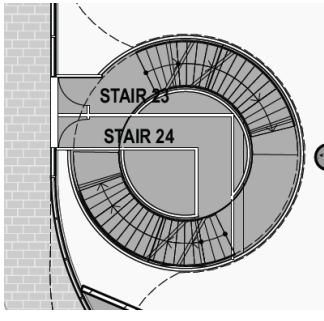
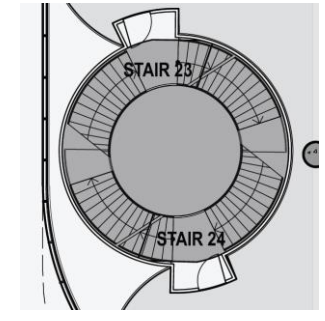
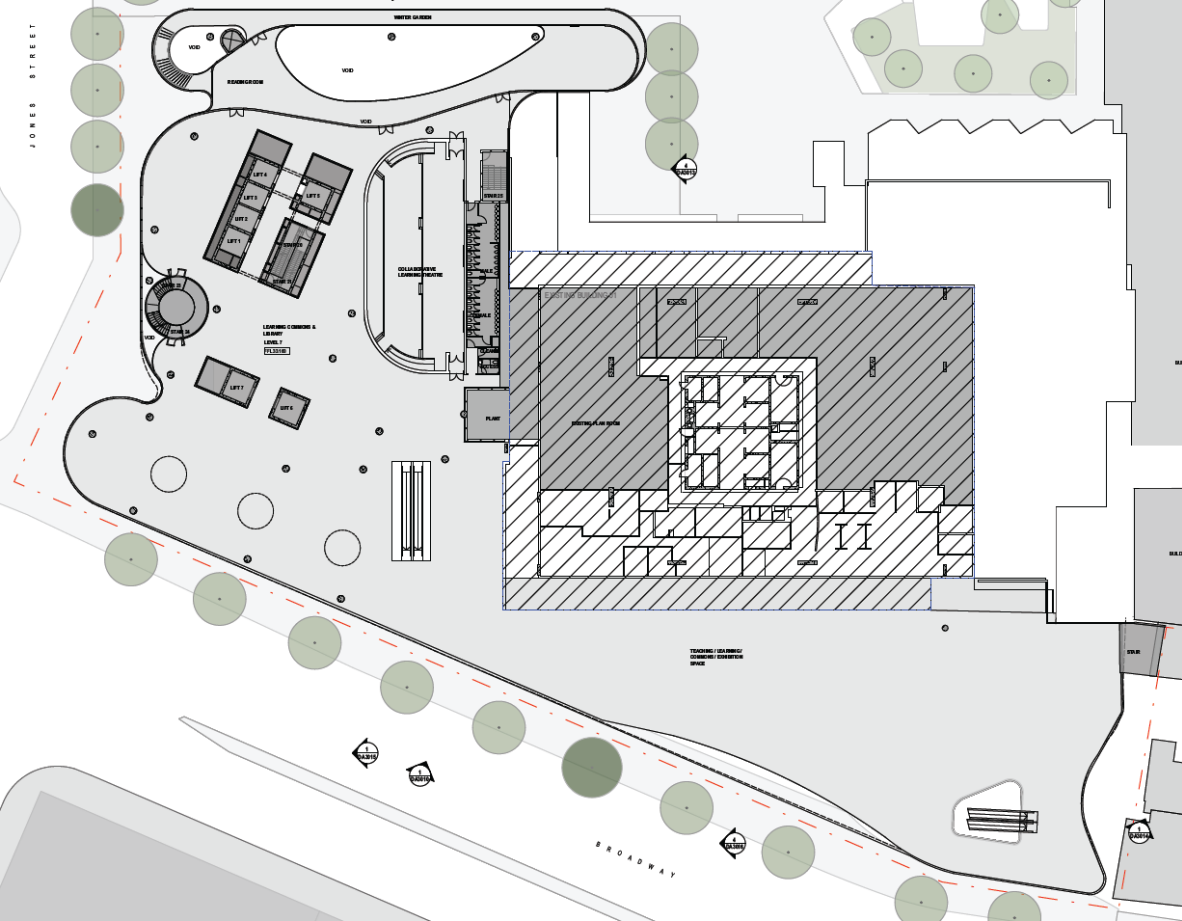
Internal Accessways (Part D3.3 of the BCA)

BCA / DDA Access Code Review	Complies
Levels 1 & 2	
	<p>9. New building works at the basement levels 1 and 2 are limited to the installation of seven lifts, fire isolated stairways, sanitary facilities on level 1 and plant rooms. The lifts will enable appropriate access to these areas in accordance with D3.3 of the BCA and DDA Premises Standards.</p> <p>YES</p>
Level 3 (Lower Ground Floor)	
<p>10. Lower Ground Floor Level 3 provides a split level within the existing Buildings CBI and CB2.</p> <p>11. The new works propose to extend the split levels of CBI (RL14.000 and RL12.450) through to CB2 which indicates open plan dining areas adjacent to various food and beverage outlets. The installation of accessible entrances from the alumni green entrances and the new lifts 1 to 7 will provide appropriate access to and within all areas on the upper 3 level @RL14.000 in accordance with D3.3 of the BCA and DDA Premises Standards.</p> <p>12. To access the sanitary facilities, student association offices, recreation facilities and teaching areas n RL12.450 the plans indicate ramped corridors and while the 1:10 slope exceeds the provisions of AS1428.1 the ongoing design development shall reduce the slope to 1:14 to satisfy AS1428.1 and D3.3 of the BCA and DDA Premises Standards.</p> <p>13. The layout of the corridors will provide appropriate doorway circulation spaces, 1540mm X 2070mm Turning areas and 1800 X 2000mm Passing bays at the 90 degree turn and 20 maximum intervals in accordance with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p>	<p>-</p> <p>YES</p> <p>Can Comply</p> <p>YES</p>

BCA / DDA Access Code Review	Complies
	
<p>14. The new group of sanitary facilities on the lower 12.450 level shall include a unisex wheelchair accessible toilet in accordance with AS1428.1 to satisfy Parts D3.3 and F2.4 of the BCA and DDA Access Code, while the detailed design of ambulant accessible toilets will be confirmed at a future construction documentation stage.</p> <p>15. Lifts 1 to 5 propose access from level 1 to the tower levels while lifts 6 and 7 facilitate access between levels 1 to 9.</p> <p>16. Stairways (non fire-isolated) - In accordance with part D3.3(a)(ii) of the BCA the non fire-isolated stairs will be detailed at construction certificate stage with handrails on both sides, closed risers with no overhanging lips and luminance contrasting step nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for outdoor stairs as specified by Table D2.14 of the BCA. See section on Tactile Ground Surface Indicators.</p>	<p>YES at CC stage</p> <p>YES</p> <p>YES at CC stage</p>

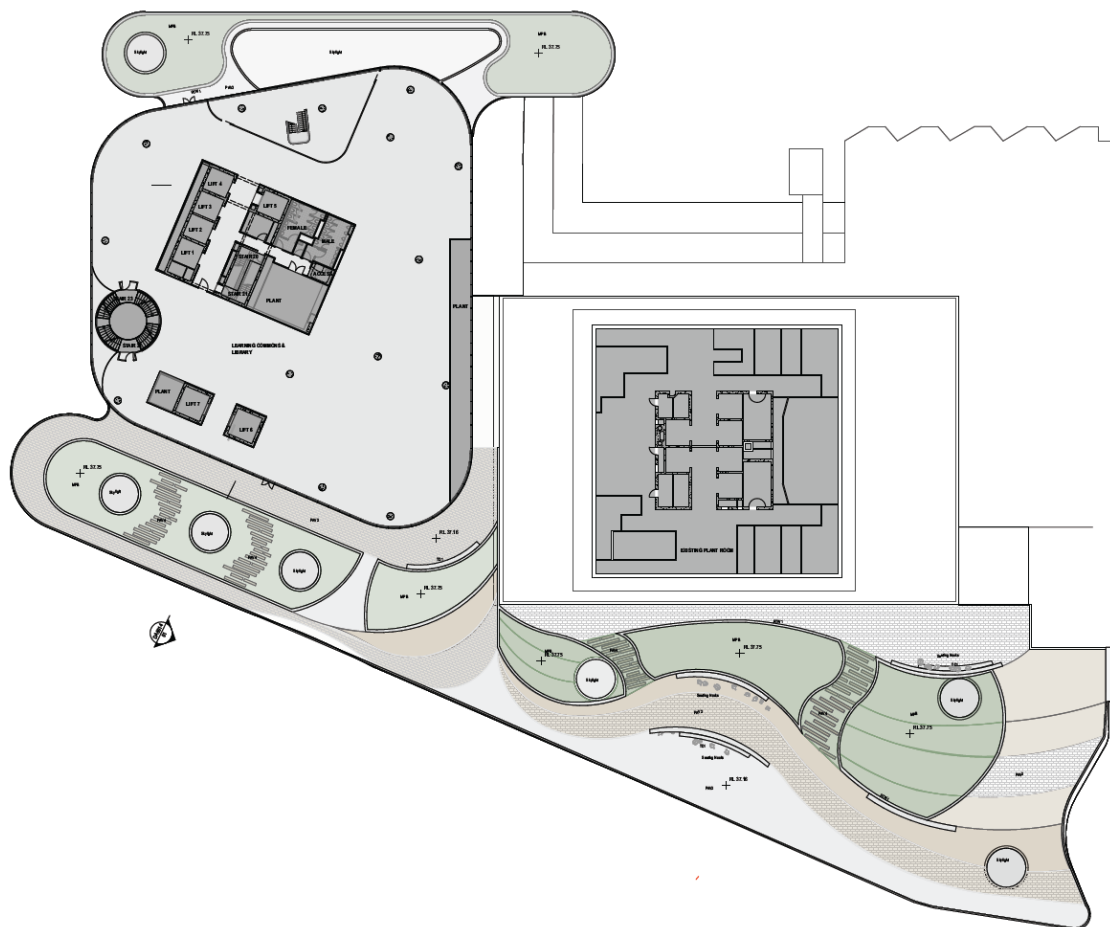
BCA / DDA Access Code Review	Complies
<p>Level 4 (Ground Floor)</p> 	
<p>17. At level 4 the open plan foyer areas of CB1 and CB2 provide ample circulation spaces to access all areas on the ground floor that facilitate Turning and Passing areas in accordance with ASI428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p> <p>18. The new foyer extension to Building CB1 shall incorporate an amphitheatre that will have a ramp to all levels to ensure equitable access for all that will comply with D3.3 of the BCA and DDA Premises Standards. Future detailed design of the ramps and stairs on the ground floor shall ensure compliance with ASI428.1 and ASI428.4.1 to fully satisfy Parts D3.3 and D3.8 of the BCA and DA Access Code.</p> <p>19. The new sanitary facilities can provide appropriate access in accordance with ASI428.1 to satisfy Parts D3.3 and F2.4 of the BCA and DDA Access Code, which will be confirmed at a future construction documentation stage.</p> <p>20. New Lifts 6 and 7 enable access from the Jones Street entrance to the main Level 4 floor area and levels 2 to 9 while Lifts 1 to 5 propose access to all levels 1 to 17 which will comply with D3.3 of the BCA and DDA Premises Standards. The new escalators provide access between levels 4, 5, 6 and 7.</p> <p>21. Overall, the plans illustrate appropriate access to circulate within the ground floor areas on level 4 consistent with ASI428.1 to satisfy Part D3.2 of the BCA and DDA Access Code.</p>	<p>YES</p> <p>YES</p> <p>YES Can Comply</p> <p>YES Can Comply</p> <p>YES</p> <p>YES</p>

BCA / DDA Access Code Review	Complies
<p>Level 5 Floor Plan (Level 6 similar)</p>  <p>The floor plan shows a large building complex with various rooms and circulation spaces. Key areas include a central corridor, several rooms labeled 'LIBRARY/READING ROOM', 'LEARNING COMMONS & LIBRARY', and 'COLLABORATIVE LEARNING THEATRES'. There are also rooms labeled 'LIFT 1', 'LIFT 2', 'LIFT 3', 'LIFT 4', 'LIFT 5', 'LIFT 6', 'LIFT 7', 'LIFT 8', 'LIFT 9', 'LIFT 10', 'LIFT 11', 'LIFT 12', 'LIFT 13', 'LIFT 14', 'LIFT 15', 'LIFT 16', 'LIFT 17', 'LIFT 18', 'LIFT 19', 'LIFT 20', 'LIFT 21', 'LIFT 22', 'LIFT 23', 'LIFT 24', 'LIFT 25', 'LIFT 26', 'LIFT 27', 'LIFT 28', 'LIFT 29', 'LIFT 30', 'LIFT 31', 'LIFT 32', 'LIFT 33', 'LIFT 34', 'LIFT 35', 'LIFT 36', 'LIFT 37', 'LIFT 38', 'LIFT 39', 'LIFT 40', 'LIFT 41', 'LIFT 42', 'LIFT 43', 'LIFT 44', 'LIFT 45', 'LIFT 46', 'LIFT 47', 'LIFT 48', 'LIFT 49', 'LIFT 50', 'LIFT 51', 'LIFT 52', 'LIFT 53', 'LIFT 54', 'LIFT 55', 'LIFT 56', 'LIFT 57', 'LIFT 58', 'LIFT 59', 'LIFT 60', 'LIFT 61', 'LIFT 62', 'LIFT 63', 'LIFT 64', 'LIFT 65', 'LIFT 66', 'LIFT 67', 'LIFT 68', 'LIFT 69', 'LIFT 70', 'LIFT 71', 'LIFT 72', 'LIFT 73', 'LIFT 74', 'LIFT 75', 'LIFT 76', 'LIFT 77', 'LIFT 78', 'LIFT 79', 'LIFT 80', 'LIFT 81', 'LIFT 82', 'LIFT 83', 'LIFT 84', 'LIFT 85', 'LIFT 86', 'LIFT 87', 'LIFT 88', 'LIFT 89', 'LIFT 90', 'LIFT 91', 'LIFT 92', 'LIFT 93', 'LIFT 94', 'LIFT 95', 'LIFT 96', 'LIFT 97', 'LIFT 98', 'LIFT 99', 'LIFT 100'. The plan also shows a 'BROADWAY' area at the bottom and a 'JONES STREET' area on the left. There are several 'VOID' areas and 'STAIR' areas. The plan is detailed with room numbers, door swings, and furniture placement.</p>	
<p>22. At levels 5 and 6 similar the new extension of Buildings CB1 and CB2 provide a single level @RL23.400 and 28.270. The plans indicate various uses of Library/Reading Room, Learning Commons and Collaborative Learning Theatres areas that can facilitate ample circulation spaces to access all areas in accordance with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p>	<p>YES</p>
<p>23. Collaborative Learning Theatres – The plans indicate four (4) tiered platforms that will incorporate wheelchair access to at least two (2) levels to enable equitable and inclusive access.</p>	<p>YES</p>
<p>24. Detailing of ramps, stairs and fitout areas shall be confirmed at a future design stage in accordance with AS1428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p>	<p>YES Can Comply</p>
<p>25. The new sanitary facilities can provide appropriate access in accordance with AS1428.1 to satisfy Parts D3.3 and F2.4 of the BCA and DDA Access Code, which will be confirmed at a future construction documentation stage.</p>	<p>YES Can Comply</p>
<p>26. In addition to the lift access the plans show an unenclosed stairway at this level which connects with levels 5, 6, 7 while the enclosed circulation and fire exit stair 23/24 connects levels 3 to 9.</p>	<p>YES Can Comply</p>

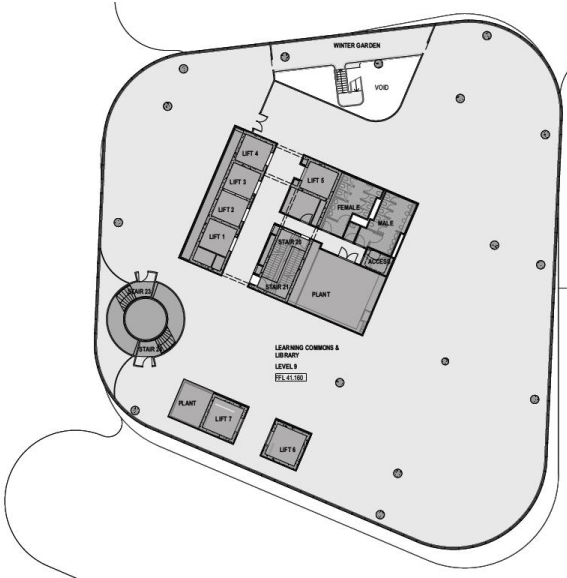
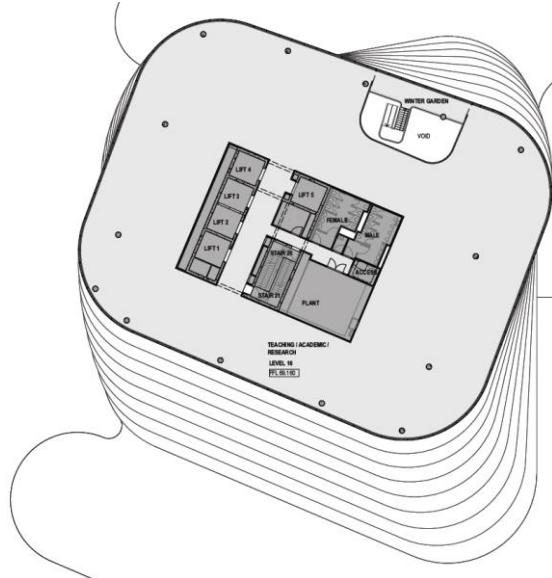
BCA / DDA Access Code Review			Complies
			
Level 5	Level 4	Levels 5 to 9	
<p>27. Detailing of the stairways and void balustrades shall require handrail extensions and tactile indicators to avoid conflicts with transverse accessway movement consistent with ASI428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p>			YES Can Comply
<p>Level 7</p> 			
<p>28. At level 7 the new extension of Buildings CB1 and CB2 provide a single level @RL33.160. The plans indicate various uses of Library/Reading Room, Learning Commons and Collaborative Learning Theatres areas that can facilitate ample circulation spaces to access all areas in accordance with ASI428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p>			YES

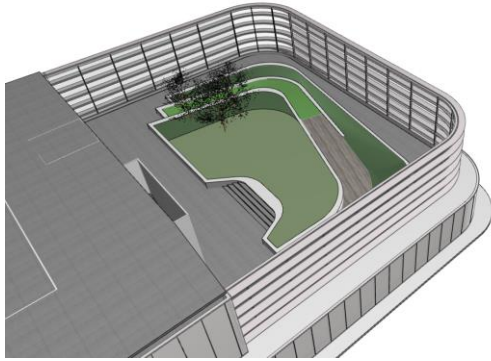
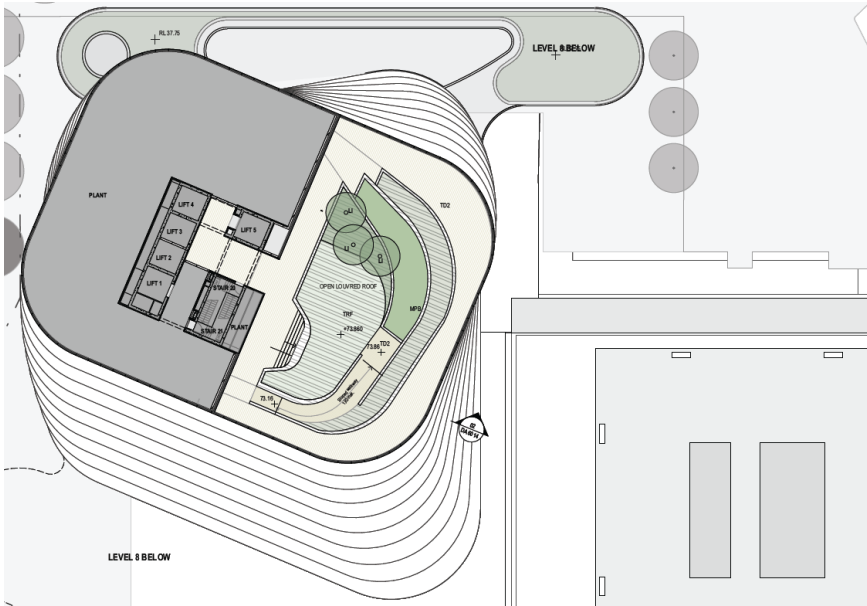
BCA / DDA Access Code Review	Complies
<p>29. Collaborative Learning Theatres – The plans indicate three (3) tiered platforms that will incorporate wheelchair access to at least two (2) levels to enable equitable and inclusive access.</p> <p>30. Detailing of ramps, stairs and fitout areas shall be confirmed at a future design stage in accordance with ASI428.1 to satisfy Part D3.3 of the BCA and DDA Access Code.</p> <p>31. The new sanitary facilities can provide appropriate access in accordance with ASI428.1 to satisfy Parts D3.3 and F2.4 of the BCA and DDA Access Code, which will be confirmed at a future construction documentation stage.</p>	<p>YES</p> <p>YES Can Comply</p> <p>YES Can Comply</p>

Level 8



<p>32. All seven new lifts within building CB2 shall serve this level which proposes a Library and Learning commons across a single floor level @RL37.160.</p> <p>33. The 3600mm approximate width of the lift landings and 1600mm width corridor at the sanitary facilities provide adequate areas that will comply with ASI428.1 and satisfy Part D3.3 of the BCA and DDA Access Code.</p> <p>34. Fitout of these areas shall be confirmed at a future design stage.</p> <p>35. The atrium style stairway shall require detailing to comply with ASI428.1, ASI428.4.1 and Table D2.14 of the BCA in terms of slip resistance flooring and stair nosings.</p>	<p>YES</p> <p>YES</p> <p>Can Comply</p> <p>Can Comply</p>
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BCA / DDA Access Code Review	Complies
<p>36. The sanitary facilities will provide a unisex accessible toilet and ambulant accessible male and female toilet cubicles in accordance with AS1428.1 to comply with Part F2.4 of the BCA and DDA Access Code.</p> <p>37. External Terraces adjoining the CB2 Library and CB1 shall provide equitable accessways to several levels in a manner that will comply with AS1428.1 and satisfy Part D3.3 of the BCA and DDA Access Code.</p>	<p>YES Can Comply</p> <p>YES</p>
Level 9 (Levels 10 to 16 similar)	
 <p style="text-align: center;">Level 9</p>	 <p style="text-align: center;">Level 16</p>
<p>38. The new lifts 1 to 5 within building CB2 shall serve these levels which propose a Library and Learning Commons on levels 9 and 10 and teaching, academic and research uses on levels 11 to 16 across single floor levels.</p> <p>39. The 3600mm approximate width of the lift landings and 1600mm width corridor at the sanitary facilities provide adequate areas that will comply with AS1428.1 and satisfy Part D3.3 of the BCA and DDA Access Code.</p> <p>40. Fitout of these areas shall be confirmed at a future design stage.</p> <p>41. The atrium style stairway shall require detailing to comply with AS1428.1, AS1428.4.1 and Table D2.14 of the BCA in terms of slip resistance flooring and stair nosings.</p> <p>42. The sanitary facilities will provide a unisex accessible toilet and ambulant accessible male and female toilet cubicles in accordance with AS1428.1 to comply with Part F2.4 of the BCA and DDA Access Code.</p>	<p>YES</p> <p>YES</p> <p>Can Comply</p> <p>Can Comply</p> <p>YES</p>

BCA / DDA Access Code Review		Complies
LEVEL 17		
43. The new lift 5 within building CB2 shall serve level 17 which proposes indoor / outdoor roof terrace. Lift 1 shall access the plant room.		YES
<p>44. The lift landings and available areas can provide adequate areas that will comply with AS1428.1 and satisfy Part D3.3 of the BCA and DDA Access Code.</p> <p>45. The outdoor areas shall incorporate a tired structure that will have a ramp to access the upper and lower levels to ensure equitable access for all that will comply with D3.3 of the BCA and DDA Access Code.</p>		YES
		
Lifts <p>46. Lift Installations – The proposed installation of 6 passenger lifts and 1 combined goods/passenger lift. Lifts 1 to 5 travel from level 1 to 17 while lifts 6 and 7 travel from levels 1 to 8. The lifts travel to all areas of the new building works to comply with Table D3.1 and Part D3.3 of the BCA and DDA Premises Standards.</p> <p>47. The passenger lifts will provide at least 1800mm X 2000mm which will readily comply with Part E3 of the BCA and DDA Premises Standards for a lift that travels more than 25 metres.</p> <p>48. Emergency Egress Lifts - It is recommended the at least one lift (possibly Lift 5) be designed for use during a fire evacuation including a smoke / fire protected lift lobby.</p>		<p>YES</p> <p>YES</p> <p>Recommendation</p>

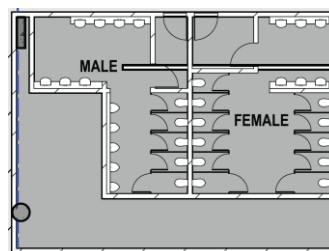
BCA / DDA Access Code Review	Complies
Stairways <p>49. Stairways (Non Fire Isolated) - In accordance with part D3.3(a)(ii) of the BCA the non fire-isolated stairs will be detailed at construction certificate stage with handrails on both sides, closed raisers with no overhanging lips and luminance contrasting step nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for outdoor stair as specified by Table D2.14 of the BCA. See section on Tactile Ground Surface Indicators).</p> <p>50. Stairways (Fire Isolated) - In accordance with part D3.3(a)(iii) of the BCA the fire-isolated stairs will be detailed at construction certificate stage with step nosings to the requirements of AS1428.1 to satisfy Parts D3.3(a)(ii) of the BCA and be slip resistant to P4 or R11 for indoor stair as specified by Table D2.14 of the BCA.</p> <p>51. The fire-isolated stairs are also required to provide single inner handrails that are continuous through landings and incorporate fixings to walls and baluster in accordance with clause 12 of AS1428.1 to satisfy Part D2.17(a)(vi) of the BCA.</p>	<p>YES at CC stage</p> <p>YES at CC stage</p> <p>YES at CC stage</p>

Tactile ground surface indicators

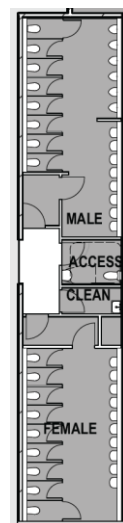
BCA / DDA Access Code Review	Complies
<p>52. Details concerning the provision of tactile ground surface indicators (TGSI's) as required by Part D3.8 of the BCA will be provided at construction certificate stage for pedestrian ramps, escalator landings and stairs (excluding fire/egress only stairs) and overhead hazards where less than 2000mm height clearance is provided such as stairway undercroft spaces in accordance with AS1428.4.1.</p>	<p>YES at CC stage</p>

Accessible Sanitary Facilities

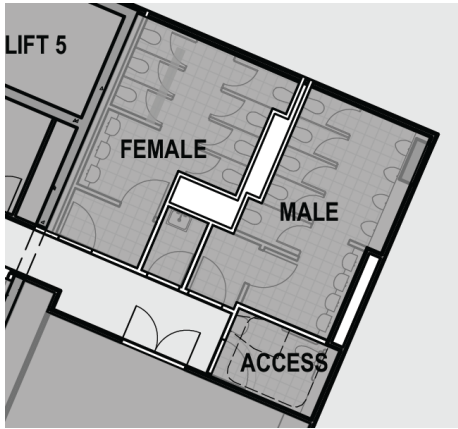
BCA / DDA Access Code Review	Complies
<p>53. Every Floor from Level 1 to 16 (except L2) has new sanitary facilities and will provide a unisex wheelchair accessible toilet on every floor and ambulant accessible male and female cubicles shall be included on each level to satisfy Part F2.4 of the BCA and DDA Access Code.</p>	<p>YES Can Comply</p>



Levels 5 and 6



Levels 4 to 6

BCA / DDA Access Code Review		Complies
<p>54. Levels 9 to 16 provide an area designated for sanitary facilities which include a unisex wheelchair accessible toilet, male and female ambulant accessible cubicles to comply with Part F2.4 of the BCA and the DDA Access Code.</p> <p>55. Details of internal fittings and fixtures will be confirmed at the construction certificate stage to comply with AS1428.1 to satisfy and Part F2.4 of the BCA and the DDA Access Code.</p>	 <p>Tower levels 9 to 16</p>	<p>YES Can Comply</p>

Identification – Braille and tactile signage

BCA / DDA Access Code Review		Complies
<p>56. Sanitary Facilities - Details concerning the provision of raised tactile and Braille signage for ALL of the toilets as required by Part D3.6 and Specification D3.6 of the BCA, will be provided at construction certificate stage.</p>		<p>YES at CC stage</p>
<p>57. Fire Exit Doors - FIRE EXIT signs on doors shall also be detailed with raised tactile and Braille characters as required by Part D3.6 and Specification D3.6 of the BCA.</p>		<p>YES at CC stage</p>
<p>58. Hearing Augmentation - Details concerning the provision of raised tactile and Braille signage for rooms installed with assistive listening systems (such as Teaching spaces and theatre/auditoria areas that provide voice amplification), as required by Part D3.6 and Specification D3.6 of the BCA, will be provided at construction certificate stage.</p>		<p>YES at CC stage</p>

Hearing Augmentation

BCA / DDA Access Code Review		Complies
<p>59. Hearing Augmentation - Details concerning the provision of assistive listening systems within theatre/auditoria areas shall be confirmed at a future construction certificate stage as required by Part D3.7 of the BCA.</p>		<p>YES at CC stage</p>

Auditoria Seating Spaces

BCA / DDA Access Code Review		Complies
<p>60. The Collaborative Learning Theatres – The level 5, 6 and 7 plans indicate three (3) tiered theatres with platforms to accommodate desks. Each theatre illustrates approximately 50% of seating areas and the dais will be wheelchair</p>		<p>YES</p>

BCA / DDA Access Code Review	Complies
<p>accessible to enable equitable and inclusive access and easily comply with Part D3.9 of the BCA.</p> <p>61. Detailed design of the platform circulation spaces, stairs and ramps shall have regard to AS1428.1.</p>	YES at CC stage

Furniture and Fitments

University Access Policy Review	Complies
62. Details concerning the provision of accessible workstations, counters, kitchenettes, seating, lighting etc as specified by the UTS Accessible Environments Policy will be provided at construction stage.	Can Comply

Conclusion

In review of the plans and site conditions it is my opinion that the proposed development will provide enhanced access to and within the existing buildings and the new building works will comply with all aspects of the aforementioned Assessment Criteria and SEARS.



Mark Relf
Access Consultant (ACAA 074)

Appendix A – Statement of Expertise



CONSULTANCY PROFILE & STATEMENT OF EXPERTISE

Accessibility Solutions consultancy offers a range of services to provide advice for clients to develop new and modify existing buildings, facilities and services to be accessible to people with disabilities to comply with legislation and regulations relevant to people with disabilities.

Relevant legislation and regulations that underpins advice includes the Disability Discrimination Act (DDA) Building Code of Australia, Australian Standards 1428, DDA Premises Standards, DDA Transport Standard, State Environment Planning Policy Housing for Seniors or People With a Disability (SEPP HS) / Seniors Living Policy, SEPP 65 – Residential Flat Buildings Design Code and various local government DCP's.

The scope of services provided by Accessibility Solutions includes:

- Plan Appraisals and design advice
- Access Reports for development applications and construction certificates
- Expert Reports for Court evidence
- Access Auditing of existing buildings, facilities, transport conveyances and infrastructure
- Policy and document reviews and development of Disability Action Plans
- Staff training in access auditing

The services consider issues concerning people with all types of disability including; physical; vision; hearing, intellectual and other cognitive impairments that may affect access for people with a disability consistent with the Disability Discrimination Act.

As principal consultant Mark Relf has considerable experience and expertise in a wide range of access related projects and is an accredited member of the Association of Consultants in Access Australia for the purposes of providing advice concerning access to the built environment and services for people with disabilities.

His expertise has been gained over 20 years working in management and advocacy roles within the disability sector and since 1994 providing advice to clients on access issues. Mark also participates on various key committees concerning access for people with disabilities. His qualifications and affiliations are:

- Accredited Member of the Association of Consultants in Access Australia.
- Member, Standards Australia ME/64 Committee responsible for the AS1428 suite and AS4299 – Adaptable Housing.
- Member, NSW Heritage Office's – Fire, Access and Services Advisory Panel.

